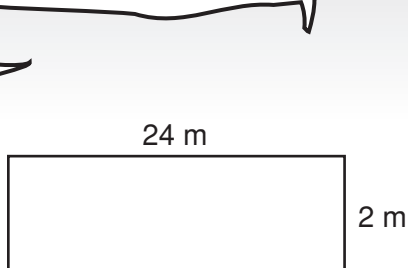
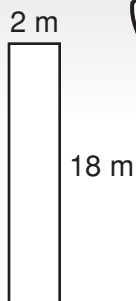


Message in a Bottle

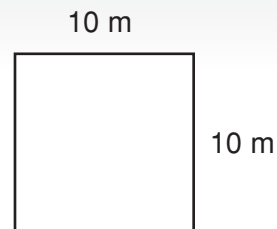
The Polygon Pirate found a map in a bottle. It reveals a path to the missing treasure. Decode the map by matching each island to its area and perimeter. Then label each island with its correct name.



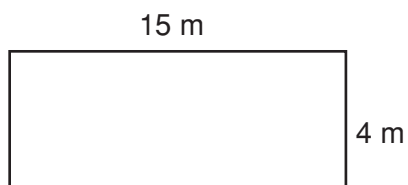
1. _____ Island



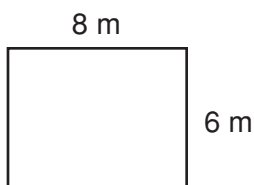
2. _____ Island



3. _____ Island



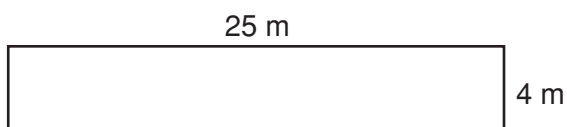
4. _____ Island



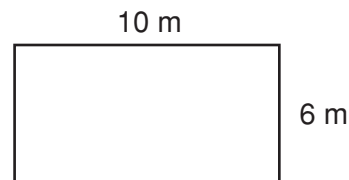
5. _____ Island



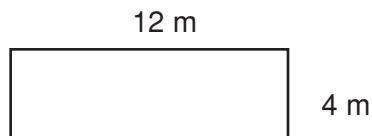
6. _____ Island



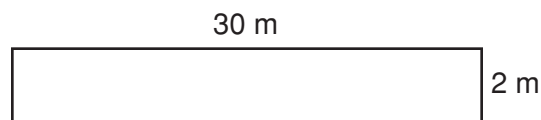
7. _____ Island



8. _____ Island



9. _____ Island



10. _____ Island

Emerald Island

$A = 36 \text{ sq. m}$ $P = 30 \text{ m}$

Ruby Island

$A = 36 \text{ sq. m}$ $P = 40 \text{ m}$

Sapphire Island

$A = 48 \text{ sq. m}$ $P = 28 \text{ m}$

Pearl Island

$A = 48 \text{ sq. m}$ $P = 32 \text{ m}$

Diamond Island

$A = 48 \text{ sq. m}$ $P = 52 \text{ m}$

Gold Island

$A = 60 \text{ sq. m}$ $P = 38 \text{ m}$

Silver Island

$A = 60 \text{ sq. m}$ $P = 64 \text{ m}$

Opal Island

$A = 60 \text{ sq. m}$ $P = 32 \text{ m}$

Topaz Island

$A = 100 \text{ sq. m}$ $P = 40 \text{ m}$

Treasure Island

$A = 100 \text{ sq. m}$ $P = 58 \text{ m}$





Answer Key



- | | |
|-------------|-------------|
| 1. Diamond | 6. Emerald |
| 2. Ruby | 7. Treasure |
| 3. Topaz | 8. Opal |
| 4. Gold | 9. Pearl |
| 5. Sapphire | 10. Silver |

